

WHAT IS CLAIMED IS:

1. A foldable supporting framework for supporting an axial rod and a lamp by supporting posts; comprising:

a retaining seat having an upper positioning sheet and a lower positioning sheet; the upper positioning sheet having an upper positioning hole and the lower positioning sheet having a lower positioning hole; one side of the retaining seat being a sealed side; a fixing threaded hole being formed on the sealed side; edges of the upper positioning sheet and lower positioning sheet near the sealed side being formed with pivotal holes;

at least one movable block; each movable block having a screw hole; at a portion of each movable blocks coupled to the pivotal holes of the retaining seat having penetrating hole; a stud passing through the pivotal hole of the upper and lower positioning sheets and the penetrating hole of one respective movable block so as to rotatably fix the movable blocks to the upper and lower positioning sheets; thereby, the movable blocks being movable around the studs;

at least two supporting posts; one supporting post being locked to the fixing threaded hole of the sealed side; and each of the other supporting posts being locked to the screw hole of the movable block; thereby, the at least two supporting posts being locked to the sealed side and the movable blocks;

an axial rod inserted into the upper positioning hole and the lower positioning hole of the retaining seat, the axial rod being provided to lock other object;

wherein when the movable blocks rotate around the studs, each supporting post is expanded so that all the supporting posts are aligned to reduce the volume of the supporting framework.

2. The foldable supporting framework as claimed in claim 1, wherein an opposite side of the sealed side is installed with a supporting plate.

3. The foldable supporting framework as claimed in claim 1, wherein an inner side of the lower sheet of each movable block is formed with a

cambered notch; a cambered surface of the axial rod is capable of being adhered to the cambered notch so that an outer surface of the movable block is at the same plane with two sides of the retaining seat.

4. The foldable supporting framework as claimed in claim 1, wherein
5 an inner side of the movable block is chamfered with a chamfered surface which is embedded into a lateral side of the retaining seat; chamfered surfaces of two adjacent movable blocks are matched to one another as the two adjacent movable blocks contact to one another and the plurality of supporting posts are arranged to cause that each two adjacent supporting
10 posts are spaced with an equal angle.

5. The foldable supporting framework as claimed in claim 1, wherein the position and number of the supporting posts are based on the shapes of the supporting posts.

6. The foldable supporting framework as claimed in claim 1, wherein
15 the axial rod is welded to the upper positioning hole and lower positioning hole of the retaining seat.

7. The foldable supporting framework as claimed in claim 1, wherein the retaining seat has a plurality of through holes annularly arranged around a round upper annular surface for pivotally installing a plurality of
20 movable blocks.

8. The foldable supporting framework as claimed in claim 1, wherein the retaining seat has a pentagonal retaining seat; the retaining seat has one sealing side; another four sides of the retaining seat are pivotally installed with movable blocks for locking five supporting posts.

25 9. The foldable supporting framework as claimed in claim 1, wherein the retaining seat has a hexagonal shape; the retaining seat is mounted with two sealed sides; and the other four sides of the retaining seat are pivotally installed with movable blocks for locking six supporting posts.

30 10. The foldable supporting framework as claimed in claim 1, wherein the axial rod is extend with a suspending chain for being suspended to a wire connection box on a ceiling, thereby, the supporting

framework is used for suspending a ceiling lamp.

11. The foldable supporting framework as claimed in claim 1, wherein the axial rod is extended as a clothes hanger for supporting clothes.

5 12. The foldable supporting framework as claimed in claim 1, wherein an upper side of the supporting posts is installed with a table surface and a stud passes through the supporting post to lock the table surface for fixing a leisure table.

10 13. The foldable supporting framework as claimed in claim 1, wherein a lower end of the axial rod is formed with a thread section; a confining ring is locked to the thread section; an outer diameter of the confining ring is larger than an inner diameter of the upper positioning hole of the upper positioning sheet so that the confining ring runs across the upper positioning sheet; the thread section passes through the upper
15 positioning hole and lower positioning hole of the retaining seat and then passes through a cover; then a positioning female screw is locked to the thread section so that the axial rod is steadily fixed to the retaining seat.